

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing is due for review on date 5/8/02.

A copy of the drawing is being sent under 37 CFR 1.84(a) 1.152.

1. The drawing is being sent to the draftsman under 37 CFR 1.84(a) 1.152 for the reasons indicated below. The Examiner will require

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1. DRAWINGS. 37 CFR 1.84(a). Acceptable drawings.

Blue ink drawings.

1. Drawings are not acceptable until patent is granted.

Fig(s) _____

2. Pencil and non black ink not permitted. Fig(s) _____

3. PHOTOGRAPHS. 37 CFR 1.84(b).

1. All one set is required. Fig(s) _____

2. Photographs may not be mounted. 37 CFR 1.84(c).

3. Two copies (half-tones). Fig(s) _____

4. TYPE OF PAPER. 37 CFR 1.84(c).

1. Paper of flexible, strong, white, and durable.

Fig(s) _____

2. Erasures, alterations, over-writings, microdot outs.

3. To copy machine marks not accepted. Fig(s) _____

4. Mylar, vellum, paper is not acceptable (too thin).

Fig(s) _____

5. SIZE OF PAPER. 37 CFR 1.84(d). Acceptable sizes:

21.0 cm by 29.7 cm (DIN size A4)

21.6 cm by 27.9 cm (8 1/2 x 11 inches)

All drawing sheets not the same size.

Sheet(s) _____

6. Drawings sheets not an acceptable size. Fig(s) _____

7. MARGINS. 37 CFR 1.84(g). Acceptable margins:

Top 2.5 cm; Left 2.5 cm; Right 1.5 cm; Bottom 1.0 cm

SIZE: A4 size

Top 2.5 cm; Left 2.5 cm; Right 1.5 cm; Bottom 1.0 cm

SIZE: 8 1/2 x 11

Margins not acceptable. Fig(s) _____

Top (T) _____ Left (L) _____

Right (R) _____ Bottom (B) _____

8. VIEWS. 37 CFR 1.84(h).

REMARKS: Specification may require revision to

correspond to drawing changes.

Partial views. 37 CFR 1.84(b)(2).

1. Brackets needed to show figure as one entity.

Fig(s) _____

2. View not labeled separately or properly. as

Fig(s) _____

3. Enlarged view not labeled separately or properly.

Fig(s) _____

9. SECTIONAL VIEWS. 37 CFR 1.84(h)(3).

1. Hatching not indicated for sectional portions of an object.

Fig(s) _____

2. Sectional designation should be noted with Arabic or

Roman numbers. Fig(s) _____

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i).

1. Words do not appear on a horizontal, left-to-right fashion

when page is either upright or turned so that the top

becomes the right side, except for graphs. Fig(s) _____

9. SCALE. 37 CFR 1.84(k).

1. Scale not large enough to show mechanism without

crowding when drawing is reduced in size to two-thirds in

reproduction.

Fig(s) _____

10. CHARACTER OF LINES, NUMBERS, & LETTERS.

37 CFR 1.84(j).

1. Lines, numbers & letters not uniformly thick and well

defined, clean, durable, and black (poor line quality).

Fig(s) 1A-4c

11. SHADING. 37 CFR 1.84(m).

1. Solid black areas pale. Fig(s) _____

2. Solid black shading not permitted. Fig(s) 1A1b-3

3. Shade lines, pale, rough and blurred. Fig(s) _____

12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.

37 CFR 1.84(p).

1. Numbers and reference characters not plain and legible.

Fig(s) 4A-4c

2. Figure legends are poor. Fig(s) _____

3. Numbers and reference characters not oriented in the

same direction as the view. 37 CFR 1.84(p)(1)

Fig(s) _____

4. English alphabet not used. 37 CFR 1.84(p)(2)

Fig(s) _____

5. Numbers, letters and reference characters must be at least

32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)

Fig(s) 4A-4c

13. LEAD LINES. 37 CFR 1.84(q).

1. Lead lines cross each other. Fig(s) _____

2. Lead lines missing. Fig(s) _____

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(i).

1. Sheets not numbered consecutively, and in Arabic numerals

beginning with number 1. Sheet(s) _____

15. NUMBERING OF VIEWS. 37 CFR 1.84(u).

1. Views not numbered consecutively, and in Arabic numerals,

beginning with number 1. Fig(s) _____

16. CORRECTIONS. 37 CFR 1.84(w).

1. Corrections not made from prior PTO-948

dated _____

17. DESIGN DRAWINGS. 37 CFR 1.152

1. Surface shading shown not appropriate. Fig(s) _____

2. Solid black shading not used for color contrast.

Fig(s) _____

COMMENTS

REVIEWER

DATE

5/16/02

TELEPHONE NO.

308 2011

ATTACHMENT TO PAPER NO.

13

Attachment for PTO-948 (Rev. 03/01, or earlier)
6/18/01

The below text replaces the pre-printed text under the heading, "Information on How to Effect Drawing Changes," on the back of the PTO-948 (Rev. 03/01, or earlier) form.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Informalities -- 37 CFR 1.85

New corrected drawings must be filed with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. If corrected drawings are required in a Notice of Allowability (PTOL-37), the new drawings **MUST** be filed within the **THREE MONTH** shortened statutory period set for reply in the Notice of Allowability. Extensions of time may **NOT** be obtained under the provisions of 37 CFR 1.136(a) or (b) for filing the corrected drawings after the mailing of a Notice of Allowability. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

2. Corrections other than Informalities Noted by Draftsperson on form PTO-948.

All changes to the drawings, other than informalities noted by the Draftsperson, **MUST** be made in the same manner as above except that, normally, a highlighted (preferably red ink) sketch of the changes to be incorporated into the new drawings **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.

Timing of Corrections

Applicant is required to submit the drawing corrections within the time period set in the attached Office communication. See 37 CFR 1.85(a).

Failure to take corrective action within the set period will result in **ABANDONMENT** of the application.